

Converting Colors

Hex(530205)

Have a look what the booklet for
Hex(530205) contains.

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Color

Hex(530205)

Conversions

Conversions Part 1

Format	Color
Hex	530205
RGB	83, 2, 5
RGB Percent	33%, 1%, 2%
CMY	0.6745, 0.9922, 0.9804
CMYK	0.00, 0.98, 0.94, 0.67
HSL	358°, 95%, 17%
HSV	358°, 98%, 33%
XYZ	3.6164, 1.8934, 0.3184
YIQ	26.5610, 47.3130, 18.1050

Conversions

Conversions Part 2

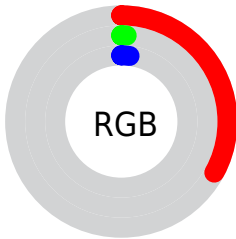
Format	Color
R _Y B	83, 2, 5
Decimal	5440005
CIE Lab	14.92, 34.91, 21.17
CIE LCh	15, 40.821, 31.231
Yxy	1.8934, 0.6205, 0.3249
Android (android.graphics.Color)	4283630085 (0xFF530205)
YUV	26.5610, -10.6296, 49.4970
Hunter-Lab	13.7600, 22.8331, 8.2599

Details

The Hex color **530205** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **025350**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **8A3832**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **530003**, and if you desaturate by 10%, it is **530A0D**.

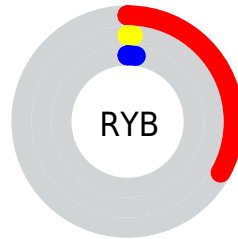
Distribution



Red (33%)

Green (1%)

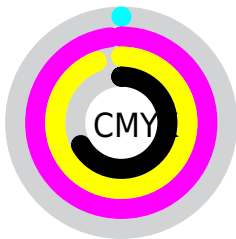
Blue (2%)



Red (33%)

Yellow (1%)

Blue (2%)

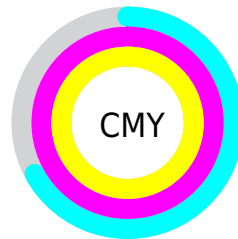


Cyan (0%)

Magenta (98%)

Yellow (94%)

Black (67%)



Cyan (67%)

Magenta (99%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 530205 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 530205 by changing the saturation by 10% instead.

 530205

 530205

 FFF3E5

 380000

 8A3832

 1A0001

 A75049

 000000

 C46A61

 E2847A

 FF9F93

 FFBAAE

 FFD6C9

 530205

 530205

■ 530003

■ 530A0D

■ 531315

■ 531B1D

■ 532325

■ 532C2D

■ 533435

■ 533C3D

■ 534445

■ 534D4D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



550026



530205



451800

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



530205



002F03



002960

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



530205



025350

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002F58



530205



003126

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



530205



112C00



003143



211D57

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



530205



372100



003143



002C5F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



530205



6B4C4D



4F0253



362324



B5B5B5



363636

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



530205



6B0004



532602



292525



690004



E80009

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



530205



6B0004



022F53



292525



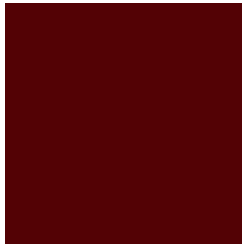
690004



E80009

Previews

White Background



This preview shows how the Hex color 530205 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 530205 Background



This preview shows how black text looks on a background with the Hex color 530205.

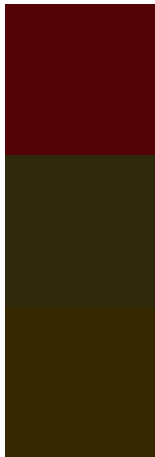


This preview shows how white text looks on a background with the Hex color 530205.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
530205

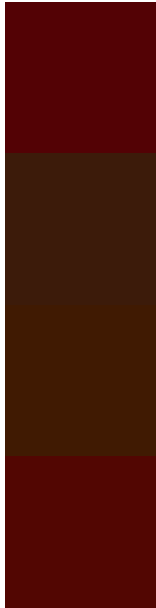
Protanopia
2F2A0D

Deuteranopia
352800



Tritanopia
520800

Trichromacy



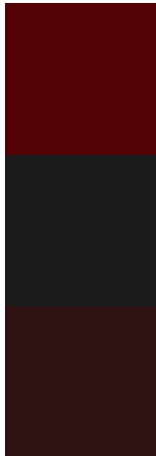
Original Color
530205

Protanomaly
3C1B0A

Deuteranomaly
401A02

Tritanomaly
520602

Monochromacy



Original Color
530205

Achromatopsia
1B1B1B

Achromatomaly
2F1213

CSS Examples

Text

The CSS property to change the color of the text to Hex 530205 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #530205 looks like.

```
.text, #text, p{  
    color:#530205  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #530205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530205
}
```

Border

The CSS property to change the border of an element to Hex 530205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

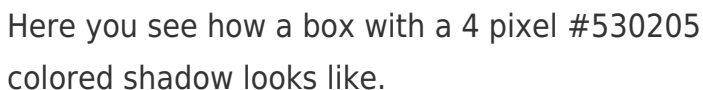
```
.border, #border, table{ border:4px solid
#530205 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#530205 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #530205 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #530205 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530205; -webkit-box-shadow:4px 4px  
4px 4px #530205; box-shadow:4px 4px 4px  
4px #530205 }
```

Background

The CSS property to change the background color of an element to Hex 530205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530205 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#530205 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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